

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10652	428/35.1 or 428/411.1 or 427/337 or 427/372.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:22
L2	664479	metal.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:23
L3	10739	neutralized.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:23
L4	31	I1 and I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:23
L5	47135	(valence or divalent).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:29
L6	3	I4 and I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:29

L7	230172	valent or divalent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:29
L8	65025	l7 same metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:30
L9	1104	l8 same neutralized	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:30
L10	382999	carboxyl or (carboxylic near5 anhydride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:30
L11	154	l9 same L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:30
L12	12	l11 and (gas adj barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/03/12 08:33
S1	1	"10581448"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:10
S2	351386	carboxyl or (carboxylic near5 anhydride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:12

S3	194147	S2 and metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:12
S4	121548	metal same neutral\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:13
S5	20090	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:13
S6	1551879	epoxy or amino or isocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:14
S7	14748	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:17
S8	29477	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:17
S9	97357	gas same barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:17
S10	135	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:17

S11	367	S7 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 10:17
S12	246	chloromethyltrialkoxysilane or chloromethyltrichlorosilane or chloropropyltrialkoxysilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 11:05
S13	1	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 11:06
S14	1	S10 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 11:06
S15	2	("20050131162").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 11:10
S16	16047	428/34.1 or 428/34.2 or 428/35.7 or 428/411.1 or 427/331 or 427/372.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 11:55
S17	10355	gamma same (aminopropyltrimethoxysilane or aminopropyltriethoxysilane or aminopropyltrichlorosilane or chloropropyltrimethoxysilane or bromopropyltrichlorosilane or mercaptopropyltrichlorosilane or isocyanatopropyltrimethoxysilane or glycidoxypopyltrimethoxysilane or glycidoxypopyltriethoxysilane or chloropropyltriethoxysilane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:22

S18	22267	tetramethoxysilane or tetraethoxysilane or dichlorodimethoxysilane or vinyltrichlorosilane or tetrachlorosilane or tetrachlorotitanium or trimethoxyaluminum or tetraisopropoxyzirconium or tetraethoxyzirconium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:49
S19	2396	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:49
S20	351386	carboxyl or (carboxylic near5 anhydride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:50
S21	194147	S20 and metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:50
S22	121548	metal same neutral\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:50
S23	20090	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:50
S24	69	S19 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 13:50
S25	97357	gas same barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 14:21

S26	10	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/09 14:21
S27	3	"2003292713"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/12 16:44
S28	3	"2002236303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/14 13:56
S29	616	tetraalkoxytitanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/14 14:55
S30	97446	gas same barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/14 14:56
S31	37	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/14 14:56
S32	3	"2002326303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/13 15:07
S33	31356	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/13 16:14

S34	57214	hydrolyz\$4 and condense\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/13 16:14
S35	452	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/13 16:14
S36	201	S35 and si	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/13 16:15
S37	92	S36 and neutral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/13 16:15
S38	31356	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:02
S39	57214	hydrolyz\$4 and condense\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:02
S40	452	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:02
S41	201	S40 and si	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:02

S43	22	S41 and (neutral\$4 same (metal or mg or ti or mn or fe or cu or ni or al or ag or au))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:02
S44	1	"10581448"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 13:55
S45	1	S44 and neutral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 13:55
S46	338314	carboxyl or (carboxylic adj anhydride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:21
S47	860210	neutral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:21
S48	19941	S46 same S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:21
S49	125818	metal same neutral\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:22
S50	5812	S49 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:22



S51	57232	hydrolyz\$4 and condense\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:22
S52	471	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:22
S53	31360	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:22
S54	12	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:23
S55	31360	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:41
S56	57232	hydrolyz\$4 and condense\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:41
S57	452	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:41
S58	201	S57 and si	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:41

S59	178	S58 and (neutral\$4 same metal or mg or ti or mn or fe or cu or ni or al or ag or au)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:41
S60	1504	sea adj island adj structure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:58
S61	117	S60 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:59
S62	8	S61 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:59
S63	107	S61 and metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:00
S64	17282	428/34.1 or 428/34.2 or 428/35.7 or 428/411.1 or 427/331 or 427/372.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05
S65	6	S61 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05
S66	11	S52 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05

S67	0	"11909562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 13:26
S68	93278	paper same container	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:17
S69	31371	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:17
S70	1148115	window	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:17
S71	17292	428/34.1 or 428/34.2 or 428/35.7 or 428/411.1 or 427/331 or 427/372.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:17
S72	5	S71 and S68 and S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:17
S73	8	("20020048680"   "20050131162"   "20090030126"   "6596807").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:22
S74	1	"10581448"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:49

S75	1	S74 and condensation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 14:49
S76	1	S72 and retort	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 15:10
S77	133	heat adj resistant adj polyolefin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 15:12
S78	0	S77 and S69 and S70 and retort	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 15:12
S79	1	S77 and S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 15:13
S80	16	S77 and container	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 15:15
S81	3	"11227752"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:17
S82	31371	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:41

S83	123220	(paper adj substrate) or (paper same substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:41
S84	1155774	inorganic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:41
S85	32072	S84 same vapor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:41
S86	155	S82 and S83 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:41
S87	67	S86 and container	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:41
S88	2770	S82 and S84 and container	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:47
S89	329953	vapor same deposition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:47
S90	402541	vapor same deposit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:47

S91	802	S88 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 16:47
S92	3	"2003292713"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 17:06
S93	3	"2002326303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/19 17:08
S94	1	"10581448"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 07:46
S95	1	S94 and "100"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 07:46
S96	17292	428/34.1 or 428/34.2 or 428/35.7 or 428/411.1 or 427/331 or 427/372.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 07:57
S97	17521	S96 or 229/162.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 07:57
S98	17292	428/34.1 or 428/34.2 or 428/35.7 or 428/411.1 or 427/331 or 427/372.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 11:08

S99	17521	S98 or 229/162.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 11:08
S100	19770	S99 or 427/541 or 427/372 or 427/395 or 428/34.3 or 428/537.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 11:08
S101	125873	metal same neutral\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 11:08
S102	623	S100 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 11:08
S103	31468	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 11:09
S104	55	S102 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/23 11:09
S105	377494	carboxyl or (carboxylic near5 anhydride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51
S106	17467	428/34.1 or 428/34.2 or 428/35.7 or 428/411.1 or 427/331 or 427/372.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51

S107	17703	S106 or 229/162.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51
S108	19962	S107 or 427/541 or 427/372 or 427/395 or 428/34.3 or 428/537.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51
S109	2660	S108 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51
S110	126464	metal same neutral\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51
S111	1710	S110 same (functional adj group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51
S112	22	S109 and S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:51
S113	13	S112 and halogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52
S114	31833	gas adj barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52



S115	124386	(paper adj substrate) or (paper same substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52
S116	1169533	inorganic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52
S117	32383	S116 same vapor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52
S118	162	S114 and S115 and S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52
S119	69	S118 and container	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52
S120	69	S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 18:52

3/12/2010 8:33:57 AM

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